## DT03 Rec'd PCT/PT0 0 7 SEP 2004

FORM PTO-1390 U.S.DEPARTMENT OF COMMERCE: (REV 01-2003)	PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER					
TRANSMITTAL LETTER TO THE UNITED STATES		MAT-8594US					
DESIGNATED/ELECTED OFFICE (DO/EO/US)		U.S. APPHCATION NO. 012-000 0007 CER 5/8 6					
CONCERNING A FILING UNDER 35 U.S.C. 371 10/506886							
INTERNATIONAL APPLICATION NO. PCT/JP03/02714	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED					
TITLE OF INVENTION	07 March 2003 (07.03.03)	08 March 2002 (08.03.02)					
OPTICAL OUTPUT DEVICE, RELAY DEVICE	Y DEVICE, AND PROGRAM CON	TROLLING OPTICAL OUTPUT					
APPLICANT(S) FOR DO/EO/US Takumi !KEDA, Naoaki YAMAMOTO KOSHIBA	), Kazuhisa WATANABE, Hiroshi T	AKASE, Tatsuo YAMAMOTO, Keiichi					
Applicant herewith submits to the United State	es Designated/Elected Office (DO/EO/US)	the following items and other information:					
	of items concerning a filing under 35						
2. This is a SECOND or SUBS	EQUENT submission of items conce	erning a filing under 35 U.S.C. 371.					
	pegin national examination procedure	es (35 U.S.C. 371(f)). The submission					
4. X The US has been elected (Art							
5. A copy of the International A	pplication as filed (35 U.S.C. 371(c)(	(2))					
<ul> <li>a.  is attached hereto (required only if not communicated by the International Bureau).</li> <li>b.  has been communicated by the International Bureau.</li> <li>c.  is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ul>							
6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).							
<ul> <li>a.  is attached hereto.</li> <li>b.  has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ul>							
7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))							
<ul> <li>a. are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. have been communicated by the International Bureau.</li> <li>c. have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. have not been made and will not be made.</li> </ul>							
8. An English language translation	of the amendments to the claims unde	r PCT Article 19 (35 U.S.C. 371(c)(3)).					
	_						
10. An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).							
Items 11 to 20 below concern documents(s) or information included: 11. An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.							
2. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.							
13. A preliminary amendment.							
14. An Application Data Sheet under 37 CFR 1.76.							
15. A substitute specification.							
16. A power of attorney and/or change of address letter.							
17. A computer-readable form of the s							
18.  A second copy of the published international application under 35 U.S.C. 154(d)(4).							
19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).							
20.  Other items or information: Certificate of Express Mail; copy of PCT Publication cover page							

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21.	U.S. APPLICATION NO. (If known	068886	INTERNATIONAL APP PCT/JP03/027		ATTORNEY DOCKET NUMBER MAT-8594US		]	
BASIC NATIONAL FEE (37 CPR 1.426(pt) - (5)): Notice international perliminary examination for (37 CPR 1.482) and to USPTO International perliminary examination for (37 CPR 1.482) not paid to USPTO International perliminary examination fee (37 CPR 1.482) not paid to USPTO International perliminary examination fee (37 CPR 1.482) not paid to USPTO International perliminary examination fee (37 CPR 1.482) paid to USPTO International perliminary examination fee (37 CPR 1.482) paid to USPTO Dut all claims did not satisfy provisions of PCT Article 33 (1),44)  International perliminary examination fee (37 CPR 1.482) paid to USPTO Dut all claims did not satisfy provisions of PCT Article 33 (1),46)  Suchange of \$130,80 for farmathing act and to declarate to later than 30 months International perliminary examination for (37 CPR 1.482) paid to USPTO Dut all claims a satisfied provisions of PCT Article 33 (1),46)  Suchange of \$130,80 for farmathing act and to declarate to later than 30 months International perliminary examination for (37 CPR 1.482) and to USPTO Dut all claims a satisfied provisions of PCT Article 33 (1),46)  Suchange of \$130,80 for farmathing act and to declarate to later than 30 months International perliminary examination for the provisions of PCT Article 33 (1),46)  Dut all claims a satisfied provisions of PCT Article 33 (1),46)  Suchange of \$130,80 for farmathing the EXTRA NUMBER RATE Deal claims  NULTIPLE DEPENDENT CLAIM(S) (drappinate)  Applicant claims anall entity attacks. See 37 CPR 1.27. The fees indicated above  a reduced by 9.  SUBTOTAL = \$  Processing fee of \$130,00 for furnishing the English translation later than 30 months  By the continued of the provision of turnishing the English translation later than 30 months  By the continued of turnishing the English translation later than 30 months  By the continued of turnishing the English translation later than 30 months  By the continued of turnishing the English translation later than 30 months  By the continued of turnishing than 42 cPR 1.27 the	21.  The following fees are submitted:			CALCULATIONS PTO USE ONLY		╡		
not international search feet of 17 CFR   1.445(p(12)) moid to USPTO 10	BASIC NATIONAL FE			┪				
and International Search Report not prepared by the EPO or JPO International preliminary examination fee (37 CFR 1.482) not paid to S220.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO International Search Report prepared by the EPO or JPO International preliminary examination fee (37 CFR 1.482) not paid to USPTO International preliminary examination fee (37 CFR 1.482) paid to USPTO International preliminary examination fee (37 CFR 1.482) paid to USPTO International preliminary examination fee (37 CFR 1.482) paid to USPTO International preliminary examination fee (37 CFR 1.482) paid to USPTO International preliminary examination fee (37 CFR 1.482) paid to USPTO International preliminary examination fee (37 CFR 1.482) paid to USPTO International preliminary examination fee (37 CFR 1.492) paid to USPTO International preliminary examination fee (37 CFR 1.492) paid to USPTO International preliminary examination fee (37 CFR 1.492) paid to USPTO International preliminary examination fee (37 CFR 1.492) paid to USPTO International preliminary examination fee (37 CFR 1.492) paid to USPTO International preliminary examination fee (37 CFR 1.492) paid to USPTO International preliminary examination fee (37 CFR 1.492) paid to USPTO International preliminary examination fee (37 CFR 1.492) paid to USPTO International preliminary examination fee (37 CFR 1.492) paid to USPTO International preliminary examination fee (37 CFR 1.492) paid to USPTO International preliminary examination fee (37 CFR 1.492) paid to USPTO International preliminary examination fee (37 CFR 1.492) paid to USPTO International preliminary examination fee (37 CFR 1.492) paid to USPTO International preliminary examination fee (37 CFR 1.492) paid to USPTO International preliminary examination fee (37 CFR 1.492) paid to USPTO International preliminary examination fee (37 CFR 1.492) paid to USPTO International preliminary examination fee (37 CFR 1.492) paid to USPTO International preliminary examination fee (37 CFR 1.492) paid to USP	nor international search fe	ee (37 CFR 1.445(a)(2))	paid to USPTO		]			
USPTO but International Search Report prepared by the EPO or IPO   S920.00	and International Search I	and International Search Report not prepared by the EPO or JPO \$1080.00						
USPTO but International Search Report prepared by the EPO or IPO   S920.00	International preliminary	examination fee (37 CF						
Det international search fee (37 CFR 1.445(9(2)) paid to USPTO	USPTO but International			İ				
Det international search fee (37 CFR 1.445(9(2)) paid to USPTO	International proliminant	avamination for (27 CF	D 1 402)					
International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not staffy provisions of PCT Article 31 (1)(4) \$730.00  International preliminary examination fee (37 CFR 1.482) paid to USPTO \$100.00  ENTER APPROPRIATE BASIC FEE AMOUNT = \$920  Surcharge of \$130.00 for farmishing the coath or declaration later than 30 months from the earliest claimed printing date (77 CFR 1.492(n)).  CLAIMS NUMBER FILED EXTRANUMBER RATE  Total claims   6-4.20 = 44								
Dut all claims did not satisfy provisions of PCT Article 33 (1)(4)   S730.00				1				
International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33 (1)(4)  ENTER APPROPRIATE BASIC FEE AMOUNT = \$920  Surcharge of \$130.00 for furnishing the cash or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e))  CLAIMS NUMBER FILED EXTRA NUMBER RATE  Total claims 6-2.20	International preliminary of	examination fee (37 CF)	R 1.482) paid to USPT(					
and all claims satisfied provisions of PCT Article 33 (1)(4)  ENTER APPROPRIATE BASIC FEE AMOUNT = \$920  Surcharge of \$130.00 for furnishing the early or declaration later than 30 months from the satiest claimed priority dute (37 CFR 1-492(e)).  CLAIMS NUMBER FILED EXTRA NUMBER RATE Total claims 6-2-20- 44 X\$18.00 \$792  Independent claims 6-2-20- 44 X\$18.00 \$792  Independent claims (64-20- 44 X\$18.00 \$792  Independent claims small entity status. See 37 CFR 1-27. The fees indicated above \$900 \$900 \$900 \$900 \$900 \$900 \$900 \$90		but all claims did not satisfy provisions of PCT Article 33 (1)-(4) \$730.00						
ENTER APPROPRIATE BASIC FEE AMOUNT =  Surcharge of \$130.00 for furnishing the cath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(c)).  CLAIMS   NUMBER FILED   EXTRA NUMBER   RATE   Total claims   64-20 = 44   X\$18.00   \$792   Independent claims   64-20 = 44   X\$18.00   \$344   MULTIPLE DEPENDENT CLAIM(5) ((in papicatels)   \$2590.00	International preliminary	examination fee (37 CF)	R 1.482) paid to USPT(					
Surcharge of \$130.00 for furnishing the eath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(c)).  CLAIMS NUMBER FILED EXTRA NUMBER RATE Total claims   64-20   44   X\$18.00   \$7.92   Independent claims   7-3   4   X\$88.00   \$3.92   Independent claims   7-3   4   X\$88.00   \$3.94    MULTIPLE DEPENDENT CLAIM(S) (if applicable)   \$290.00   \$  TOTAL OF ABOVE CALCULATIONS   \$2.056	and all claims satisfied pro	ovisions of PCT Article	33 (1)-(4)	\$100.00				
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the cardisct claimed priority date (37 CFR 1.492(s)).    CLAIMS		ENTER APPROP	RIATE BASIC F	FF AMOUNT =	\$ 920	]		
CLAIMS   NUMBER FILED   EXTRA NUMBER   RATE					•	<u> </u>	4	
Total claims   64-20   44	from the earliest claimed p	riority date (37 CFR 1.4	92(e)).	ioning	3			
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		NUMBER FILED	EXTRA NUMBER	RATE			1	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)							]	
Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.    SUBTOTAL = S							]	
Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.  SUBTOTAL = \$  Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + \$  TOTAL NATIONAL FEE = \$2056  Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + \$  TOTAL FEES ENCLOSED = \$2056  Amount to be refunded: Charged: \$  a. A check in the amount of \$2056 to cover the above fees is enclosed.  b. Please charge my Deposit Account No. in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed.  c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 18-0350. A duplicate copy of this sheet is enclosed.  d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.  NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.  23 122	MOLTIPLE DEPENDENT				<del></del>	-	4	
are reduced by ½.    SUBTOTAL   S	A ==11==== =1=1=========				<del></del>	<b> </b>	4	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(ft)).    TOTAL NATIONAL FEE   \$2056		Il entity status. See 37 (	CFR 1.27. The fees ind	icated above	\$	ll .	ļ	
Processing fee of \$13.0.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).  TOTAL NATIONAL FEE = \$2.056  Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + \$  TOTAL FEES ENCLOSED = \$2056  Amount to be refunded; \$  a.  A check in the amount of \$2056 to cover the above fees is enclosed.  b.  Please charge my Deposit Account No. in the amount of \$ to cover the above fees.  A duplicate copy of this sheet is enclosed.  c.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. I8-0359. A duplicate copy of this sheet is enclosed.  d.  Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.  NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.  23122/				SURTOTAL =	\$	\ <del></del>	1	
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Fee for recording the enclosed assignment (37 CFR 1.21(h)) The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + \$  TOTAL FEES ENCLOSED = \$2056  Amount to be refunded: Charged: \$  a.  A check in the amount of \$2056 to cover the above fees is enclosed.  b. Please charge my Deposit Account No. in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed.  c.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 18-0350. A duplicate copy of this sheet is enclosed.  d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.  NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.  Coustomer Number or Bar Code Label (Insert Customer No. or Attent har code label here)  RatnerPrestia P.O. Box 980 Valley Forge, PA 19482  OR  RatnerPrestia Signature  Lawrence E. Ashery Name  34,515  Registration Number  September 7, 2004  Date  Or Correspondence of September 7, 2004  Date			TOTAL NA	TIONAL FEE =	\$ 2056		1	
TOTAL FEES ENCLOSED = \$2056    Amount to be refunded:   Charged:   S					<del></del>	<u> </u>	1	
a.    A check in the amount of \$2056 to cover the above fees is enclosed.  b.    Please charge my Deposit Account No in the amount of \$ to cover the above fees.  A duplicate copy of this sheet is enclosed.  c.    The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 18-0350. A duplicate copy of this sheet is enclosed.  d.    Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.  NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.   Customer Number or Bar Code Label  RatnerPrestia P.O. Box 980 Valley Forge, PA 19482  OR  RatnerPrestia Nemours Building 1007 Orange Street Suite 1100 P.O. Box 1596 Wilmington, DE 19899	accompanied by an appropr	riate cover sheet (37 CF	R 3.28, 3.31). \$40.00 p	er property +		]		
a. A check in the amount of \$2056 to cover the above fees is enclosed.  b. Please charge my Deposit Account No. in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed.  c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 18-0350. A duplicate copy of this sheet is enclosed.  d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.  NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.  © Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here)  Send All Correspondence to:  RatnerPrestia P.O. Box 980 Valley Forge, PA 19482  OR  RatnerPrestia Nemours Building 1007 Orange Street Suite 1100 P.O. Box 1596 Wilmington, DE 19899			TOTAL FEES	ENCLOSED =	\$ 2056		]	
a.						\$	1	
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b. ☐ Please charge my Deposit Account No in the amount of \$ to cover the above fees.  A duplicate copy of this sheet is enclosed.  c. ☐ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 18-0350. A duplicate copy of this sheet is enclosed.  d. ☐ Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.  NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.  ☐ Customer Number or Bar Code Label  ☐ RatnerPrestia P.O. Box 980 Valley Forge, PA 19482  OR  ☐ RatnerPrestia Nemours Building 1007 Orange Street Suite 1100 P.O. Box 1596 Wilmington, DE 19899	. 57 A aleadala da		1 1 0	<del> </del>	Charged:	<u>[ \$</u>	ļ	
A duplicate copy of this sheet is enclosed.  c.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 18-0350. A duplicate copy of this sheet is enclosed.  d.  Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.  NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.    Customer Number or Bar Code Label	a. 🔼 A check in the	amount of \$2056 to	cover the above fees	is enclosed.			1	
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overpayment to Deposit Account No. 18-0350. A duplicate copy of this sheet is enclosed.  d. ☐ Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.  NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.  ☑ Customer Number or Bar Code Label  ☐ RatnerPrestia P.O. Box 980 Valley Forge, PA 19482  OR ☐ RatnerPrestia Nemours Building 1007 Orange Street Suite 1100 P.O. Box 1596 Wilmington, DE 19899	C M The Commissi	ionamia hamaha aash	danad da altanana anno	1.11.11. 1.0 1.1.1				
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CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.  23122    Customer Number or Bar Code Label   23122   or   Correspondence address below	2038.							
CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.  23122    Customer Number or Bar Code Label   23122   or   Correspondence address below	NOTE: Where an appropriate time limit							
Send All Correspondence to:  ☐ RatnerPrestia P.O. Box 980 Valley Forge, PA 19482  OR ☐ RatnerPrestia Nemours Building 1007 Orange Street Suite 1100 P.O. Box 1596 Wilmington, DE 19899   Correspondence address below (Insert Customer No. or Attach bar code label here)  Or ☐ Correspondence address below Or ☐ Corre	CFR 1.137(a) or (b))	must be filed and	granted to restor	e the application t	n met, a petition to	revive (3/	Ì	
Consequence to:   Consequence to:   Consequence to:   RatnerPrestia   P.O. Box 980   Valley Forge, PA 19482   Lawrence E. Ashery   Name   Signature   Lawrence E. Ashery   Name   Segistration Number   Segistration Number   September 7, 2004   Date					o pending status.		_	
Send All Correspondence to:  RatnerPrestia P.O. Box 980 Valley Forge, PA 19482  OR RatnerPrestia Nemours Building 1007 Orange Street Suite 1100 P.O. Box 1596 Wilmington, DE 19899  Signature Lawrence E. Ashery Name  34,515 Registration Number September 7, 2004 Date	□ Customer Number or Bar				or Correspondence	address below		
RatnerPrestia P.O. Box 980 Valley Forge, PA 19482  OR RatnerPrestia Nemours Building 1007 Orange Street Suite 1100 P.O. Box 1596 Wilmington, DE 19899  Signature Lawrence E. Ashery Name  34,515 Registration Number September 7, 2004 Date	Sond All Correspondence		Customer No. or Attach	bar code label here)		-///		
P.O. Box 980 Valley Forge, PA 19482  OR  RatnerPrestia Nemours Building 1007 Orange Street Suite 1100 P.O. Box 1596 Wilmington, DE 19899		5 IU.	// <del>/</del>		_(_/	las	H	
Valley Forge, PA 19482  OR  ☐ RatnerPrestia Nemours Building 1007 Orange Street Suite 1100 P.O. Box 1596 Wilmington, DE 19899  Lawrence E. Ashery Name  34,515 Registration Number September 7, 2004 Date	_	/> Signature						
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